

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/725,891A  
Source: FW/b  
Date Processed by STIC: 8/21/06

# ***ENTERED***

## CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/725,891A

CRF Edit Date: 8/21/06  
Edited by: [signature]

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

\_\_\_ Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

✓  
\_\_\_ Other: globally corrected misspelling of "Artificial"  
\_\_\_\_\_  
\_\_\_\_\_



IFW16

## RAW SEQUENCE LISTING

DATE: 08/21/2006

PATENT APPLICATION: US/10/725,891A

TIME: 17:27:31

Input Set : N:\AMC\10725891.txt

Output Set: N:\CRF4\08212006\J725891A.raw

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4 <110> APPLICANT: Humphreys, John
6 <120> TITLE OF INVENTION: IMMUNODETECTION AND QUANTIFICATION METHODS
8 <130> FILE REFERENCE: 3220-73872
10 <140> CURRENT APPLICATION NUMBER: US 10/725,891A
11 <141> CURRENT FILING DATE: 2003-12-02
13 <150> PRIOR APPLICATION NUMBER: US 60/430,189
14 <151> PRIOR FILING DATE: 2002-12-02
16 <160> NUMBER OF SEQ ID NOS: 6
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 34
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Artificial PCR primer
28 <400> SEQUENCE: 1
29 gaagtccaag cttgacctcc tcttgctgga gaag 34
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 36
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Primer for PCR amplification for introduction of FLAG
epitope.
40 <400> SEQUENCE: 2
41 cttctcggat ccatggacct cctcttgctg gagaag 36
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 35
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Artificial PCR primer
52 <400> SEQUENCE: 3
53 tgaaaccaag aattcttaac agttccttgg tttca 35
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 33
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Artificial sequence for cloning amplified into restriction
sites
63 onto vector.
65 <400> SEQUENCE: 4
66 gatccaaaat ggactacaag gatgacgatg aca 33

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69 <210> SEQ ID NO: 5

## RAW SEQUENCE LISTING

DATE: 08/21/2006

PATENT APPLICATION: US/10/725,891A

TIME: 17:27:31

Input Set : N:\AMC\10725891.txt

Output Set: N:\CRF4\08212006\J725891A.raw

70 <211> LENGTH: 33  
71 <212> TYPE: DNA  
72 <213> ORGANISM: Artificial  
74 <220> FEATURE:  
75 <223> OTHER INFORMATION: Artificial sequence for cloning amplified into restriction  
sites  
76 onto vector.  
78 <400> SEQUENCE: 5  
79 acgttgatcat cgatcatcctt gtagtccatt ttg 33  
82 <210> SEQ ID NO: 6  
83 <211> LENGTH: 8  
84 <212> TYPE: PRT  
85 <213> ORGANISM: Artificial  
87 <220> FEATURE:  
88 <223> OTHER INFORMATION: Artificial sequence acting as a unique antibody epitope tag.  
90 <400> SEQUENCE: 6  
92 Asp Tyr Lys Asp Asp Asp Asp Lys  
93 1 5

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 08/21/2006  
PATENT APPLICATION:    US/10/725,891A      TIME: 17:27:32

Input Set : N:\AMC\10725891.txt  
Output Set: N:\CRF4\08212006\J725891A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6

**VERIFICATION SUMMARY**

DATE: 08/21/2006

PATENT APPLICATION: US/10/725,891A

TIME: 17:27:32

Input Set : N:\AMC\10725891.txt

Output Set: N:\CRF4\08212006\J725891A.raw

**Raw Sequence Listing before editing  
(for reference only)**





IFW16

## RAW SEQUENCE LISTING

DATE: 08/21/2006

PATENT APPLICATION: US/10/725,891A

TIME: 10:13:40

Input Set : F:\Humphreys 10\_725,891.txt

Output Set: N:\CRF4\08212006\J725891A.raw

4 <110> APPLICANT: Humphreys, John  
 6 <120> TITLE OF INVENTION: IMMUNODETECTION AND QUANTIFICATION METHODS  
 8 <130> FILE REFERENCE: 3220-73872  
 10 <140> CURRENT APPLICATION NUMBER: US 10/725,891A  
 11 <141> CURRENT FILING DATE: 2003-12-02  
 13 <150> PRIOR APPLICATION NUMBER: US 60/430,189  
 14 <151> PRIOR FILING DATE: 2002-12-02  
 16 <160> NUMBER OF SEQ ID NOS: 6  
 18 <170> SOFTWARE: PatentIn version 3.3  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 34 *artificial*  
 22 <212> TYPE: DNA  
 C--> 23 <213> ORGANISM: *artificial* *artificial*  
 25 <220> FEATURE:  
 26 <223> OTHER INFORMATION: *artificial* PCR primer  
 28 <400> SEQUENCE: 1  
 29 gaagtccaag cttgacctcc tcttgctgga gaag 34  
 32 <210> SEQ ID NO: 2  
 33 <211> LENGTH: 36  
 34 <212> TYPE: DNA  
 C--> 35 <213> ORGANISM: *artificial*  
 37 <220> FEATURE:  
 38 <223> OTHER INFORMATION: Primer for PCR amplification for introduction of FLAG  
 epitope.  
 40 <400> SEQUENCE: 2  
 41 cttctcgat ccatggacct cctcttgctg gagaag 36  
 44 <210> SEQ ID NO: 3  
 45 <211> LENGTH: 35  
 46 <212> TYPE: DNA  
 C--> 47 <213> ORGANISM: *artificial*  
 49 <220> FEATURE:  
 50 <223> OTHER INFORMATION: *artificial* PCR primer  
 52 <400> SEQUENCE: 3  
 53 tgaaaccaag aattcttaac agttccttgg ttca 35  
 56 <210> SEQ ID NO: 4  
 57 <211> LENGTH: 33  
 58 <212> TYPE: DNA  
 C--> 59 <213> ORGANISM: *artificial*  
 61 <220> FEATURE:  
 62 <223> OTHER INFORMATION: *Artificial* sequence for cloning amplified into restriction  
 sites  
 63 onto vector.  
 65 <400> SEQUENCE: 4  
 66 gatccaaat ggactacaag gatgacgatg aca 33

**Does Not Comply  
Corrected Diskette Needed**

69 <210> SEQ ID NO: 5

## RAW SEQUENCE LISTING

DATE: 08/21/2006

PATENT APPLICATION: US/10/725,891A

TIME: 10:13:40

Input Set : F:\Humphreys 10\_725,891.txt

Output Set : N:\CRF4\08212006\J725891A.raw

70 <211> LENGTH: 33  
71 <212> TYPE: DNA  
C--> 72 <213> ORGANISM: artificial  
74 <220> FEATURE:  
75 <223> OTHER INFORMATION: Artificial sequence for cloning amplified into restriction  
sites  
76 onto vector.  
78 <400> SEQUENCE: 5  
79 acgttgatcat cgatcatcctt gtagtccatt ttg 33  
82 <210> SEQ ID NO: 6  
83 <211> LENGTH: 8  
84 <212> TYPE: PRT  
C--> 85 <213> ORGANISM: artificial  
87 <220> FEATURE:  
88 <223> OTHER INFORMATION: Artificial sequence acting as a unique antibody epitope tag.  
90 <400> SEQUENCE: 6  
92 Asp Tyr Lys Asp Asp Asp Lys  
93 1 5

## VERIFICATION SUMMARY

DATE: 08/21/2006

PATENT APPLICATION: US/10/725,891A

TIME: 10:13:41

Input Set : F:\Humphreys 10\_725,891.txt

Output Set: N:\CRF4\08212006\J725891A.raw

L:23 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:35 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:47 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:59 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:72 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:85 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6